GC TECH GC-T001 Transparent LED Screen Instructions

Product Information Sheet
LED Transparent Screen

Contents

1 LED Transparent Screen
2 Standard Specification
3 Main Properties and Technical
4 Fixed installation accessories
5 Hanging installation diagram
6 Product Application
7 COMMERCIAL APPLICATION
8 The solution of Transparent LED Screen
9 Documents / Resources
9.1 References

LED Transparent Screen

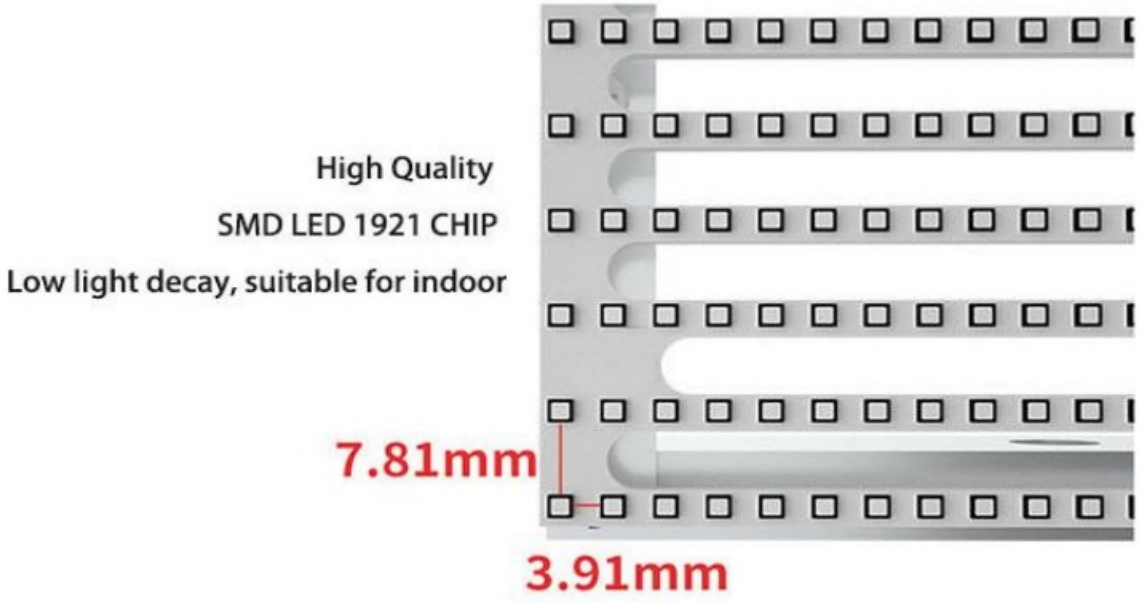
LED Transparent Screen is a highly permeable LED(light-emitting diode) screen that transmits light like glass, making it ideal for high-end ultra HD window advertising displays.
The transparent screen is assembled with aluminum alloy mesh transparent LED units

1m*1m front of cabinet

Back of the cabinet

Standard Specification

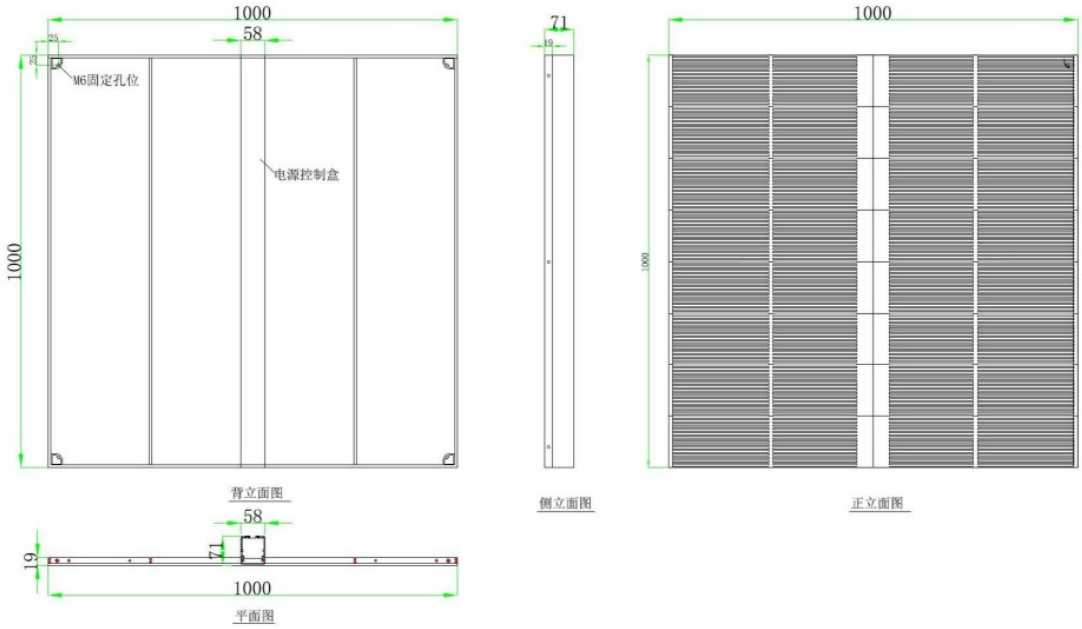
Pixel Pitch(mm)	P 391-7.82 (Horizontal 3.91mm, vertical 7.82mm)
Led module size (mm)	WS500*H125*D3mm
Cabinet size (mm)	WS500*H1000*D71 mm
Brightness (cd/nf)	500-5500 Manual/Automatic/Timer(selectable)



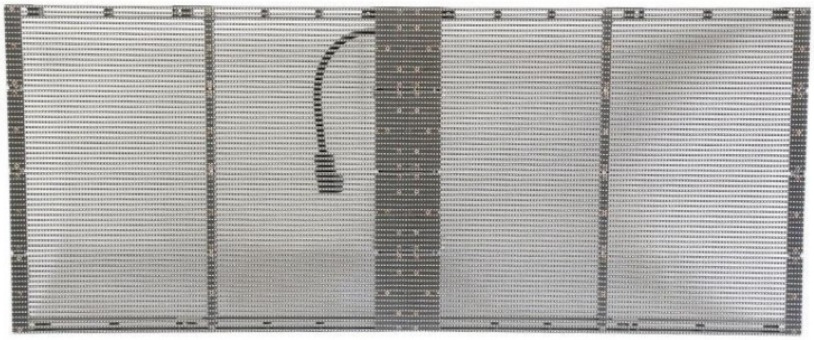
‘GC TECH SCIENCE & TECHNOLOGY CO.,LTD www.gctech-led.com / info@gctech-led.com

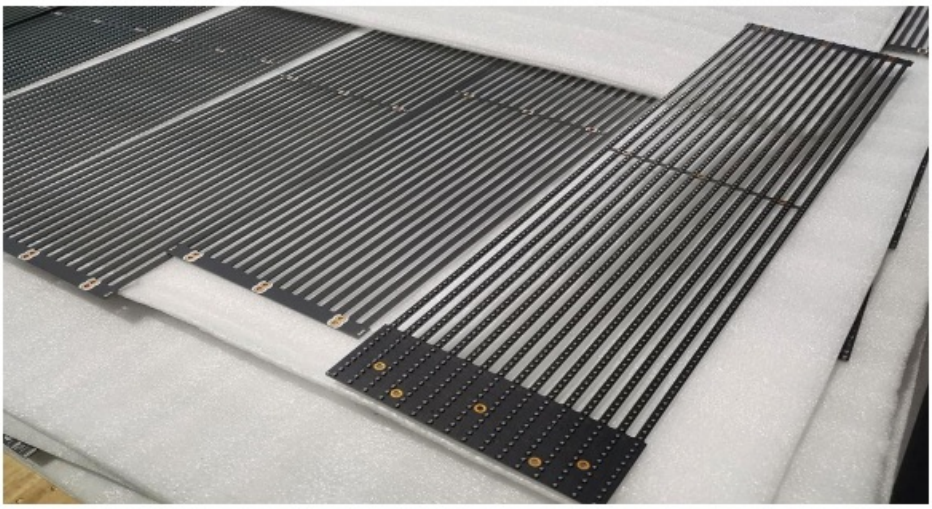
Main Properties and Technical

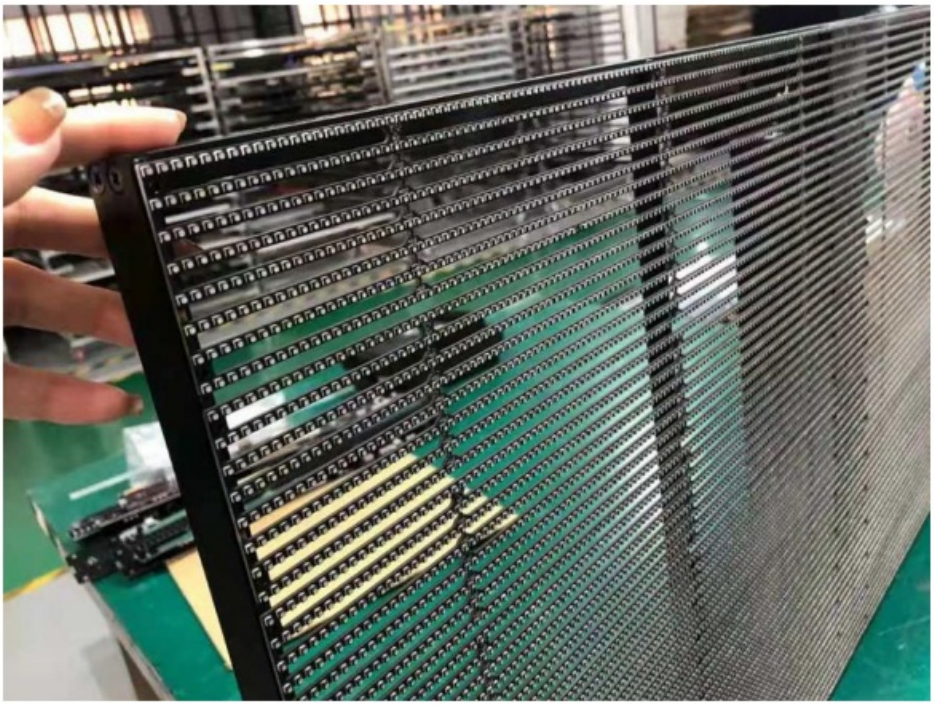
Function	**Indoor/Outdoor**
Pixel Pitch	**P3.91-7.82**
Led Lamp	**SMD1921/ 1R1G1B**
Module size	**W500•H125•D3mm**
Module Resolution	**128X16**
Pixel density	**32768dotshlt**
Transparency	**k75%**
Refresh rate	**1920-3840HZ (optional)**
Cabinet *Size*	**W500*H1000•D71 mm**
Cabinet Resolution	**128X128**
Cabinet Aspect ratio	**1:2**
Single cabinet area	**0.5m?**
White balance brightn ess	**Low brightness 600-800cd/m2, Mid-Low brightness 2000-2600cd/m2, Highbrigh tness 4500-5000cd/m2, Optional can becustomized**
Average power usage	**Low brightness 64W/m2, Mid-brightness 124W/m2, High brigtness222W/m2**
Cabinet Material	**Aluminum alloy**
G.Weight	**5.8-6.5KG**
Installation Type	**Hanging install / Fixed Install**
Working Temperature	**10°C—+40°C /10-90%RH(nofrost)**
Lifesp an	>_100000 hrs

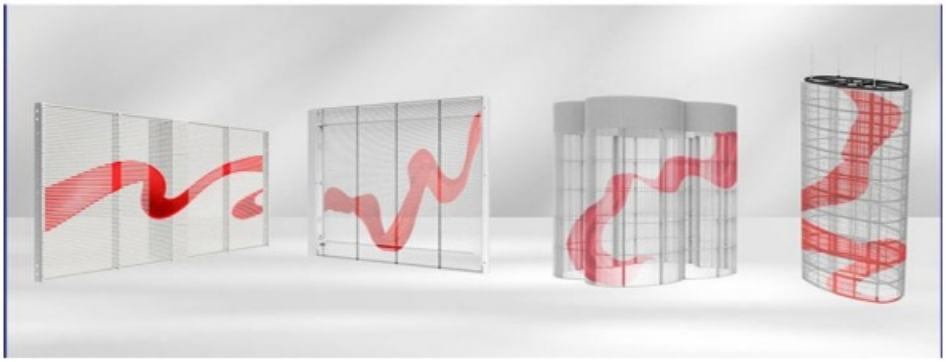


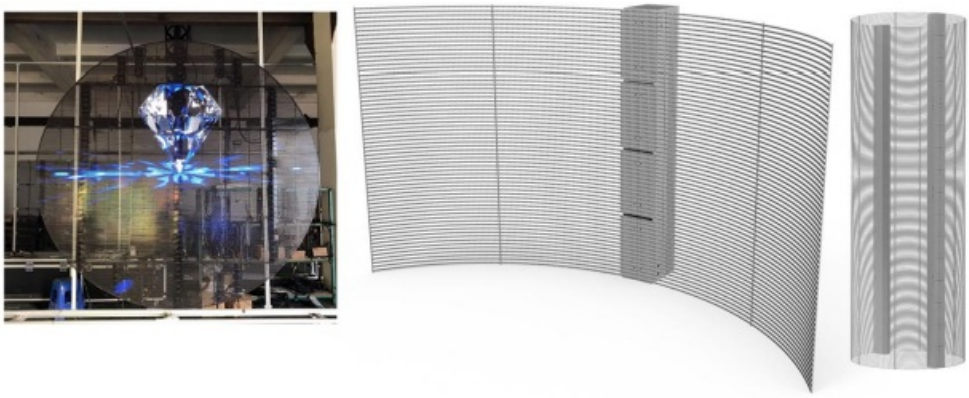
Full color display



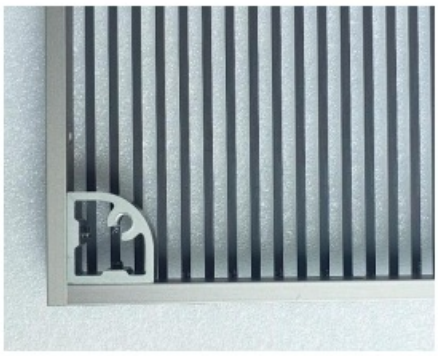




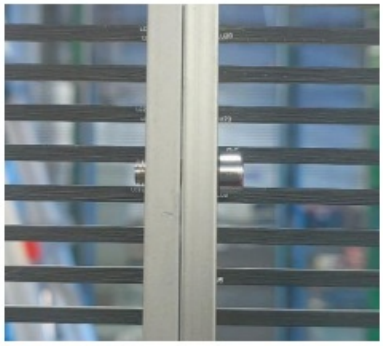




Fixed installation accessories



4 corner fixing hole



Cabinet-connection

Fixed connection

Hanging installation diagram

upper schematic

lower schematic

Upper and lower cabinet connecting plate

Hanging rings

Hanging beam

Slider in hanging beam

Product Application

1. Stage: LED transparent screen can be built according to the shape of the stage, using the screen's own transparency, lightness and thinness to produce a strong perspective effect, making the depth of field of the whole picture longer.
2. Large shopping malls: LED transparent screen can be used as the glass curtain wall of shopping malls, displaying products and brand information, attracting customers' attention, and increasing the popularity and beauty of shopping malls.
3. Chain stores: LED transparent screen can be used as the door, window or showcase of chain stores, isplaying the characteristics and promotional activities of the store, improving the image and competitiveness of the store.
4. Science and Technology Museum: LED transparent screen can be used as the display device of the science and technology museum, displaying scientific innovation and future trends, enhancing the sense of technology and attractiveness of the science and technology museum.
5. Glass window: LED transparent screen can be used as an additional device for any glass window, displaying any information you want to convey, such as advertisements, announcements, news, etc, without affecting the light transmission and aesthetics of the glass window.
6. Architectural media: LED transparent screen can be used as a media expression form of buildings, displaying the characteristics and culture of buildings, increasing the artistry and value of buildings.
7. Rental industry: LED transparent screen can be used as one of the products of the rental industry, providing customers who need temporary or long-term use of LED transparent screen, such as exhibitions, events, performances, etc.
8. New retail: LED transparent screen can be used as an innovative tool for new retail industry, combining touch technology and smart glass, etc, to provide consumers with a virtual, contactless experience.

COMMERCIAL APPLICATION

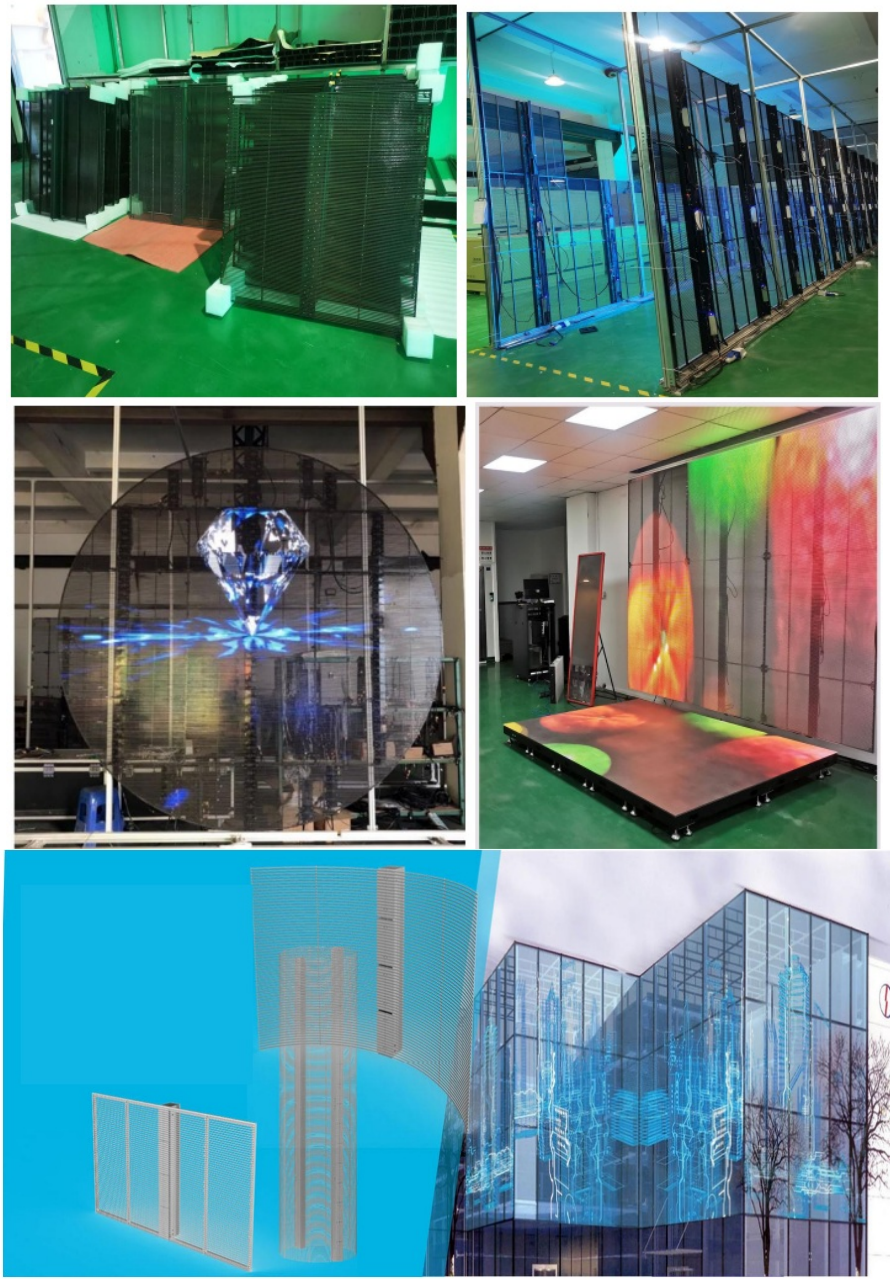
Business center,shops,malls forindoor and outdoor

The solution of Transparent LED Screen

1. Protection technology: When choosing a LED transparent screen, the first thing to understand is how it will be used, such as indoor or outdoor, fixed or mobile, flat or curved, etc. According to different usage modes, choose different protection technologies, such as waterproof, dustproof,
   anti-static, anti-collision, etc., to ensure the stability and safety of the LED transparent screen.
2. Brightness: Another important factor to consider when choosing a LED transparent screen is brightness. The higher the brightness, the better the display effect, but the higher the cost. For indoor environments, the indoor light is relatively dark (brightness 800 can be satisfied), so choose a lower brightness screen. But if the transparent screen is installed behind the window, you need to seek higher brightness.
3. Resolution: Another factor to consider when choosing a LED transparent screen is resolution. The higher the resolution, the clearer the display effect, but the higher the cost. Resolution is related to pixel pitch, the smaller the pixel pitch, the higher the resolution. The choice of pixel pitch depends on the viewing distance and display content, generally speaking, the farther the viewing distance, the larger the pixel pitch can be; the more complex the display content, the smaller the pixel pitch should
4. Noise reduction technology: When choosing a LED transparent screen, pay attention to noise reduction technology. Because LED transparent screen needs to work continuously, it will produce some noise, affecting

the use environment and user experience. Good noise reduction technology can effectively reduce noise and improve the quality and life of LED transparent screen.

5. Heat removal system: When choosing a LED transparent screen, also consider heat removal system. Because LED transparent screen will produce some heat, if heat dissipation is not good, it will cause LED lamp beads aging, damage or failure, affecting display effect and stability. Good heat removal system can effectively reduce the temperature of LED transparent screen and extend its service life.



FULL COLOR TRANSPARENT LED SCREEN

* P3.91/7.82
* LIGHT PERMEABILITY ?.75%
* LIGHTWEIGHT 6.5KG
* ULTRA-THIN ,EASY TO INSTALL

5 YEARS COMMITMENT WITH 2 YEARS FREE WARRANTY
LIFESPAN CAN BE UP TO 10+ YEARS
For more details, please check : **www.gctech-led.com**
Welcome to contact us : **info@gctech-led.com**

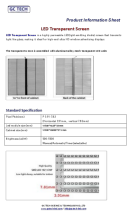
FCC Caution.
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Documents / Resources

	GC TECH GC-T001 Transparent LED Screen [pdf] Instructions GC-T001, 2BE3A-GC-T001, 2BE3AGCT001, GC-T001 Transparent LED Screen, Transparent LED Screen, LED Screen, Screen

References

- LED Commercial Lighting and Lighting Controls | Current - GLI Brands
- GC TECH SCIENCE & TECHNOLOGY CO.,LTD - LED Display screen/Transparent LED Screen/LED vedio wall rental/LED HD indoor screen
- User Manual

Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.